Datasheet for ABIN2462807

anti-FGG antibody

1 Image

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Overview

Quantity:	100 µL
Target:	FGG
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This FGG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human FGG.
Purification:	Antibody is purified by protein A chromatography method.

Target Details

Target:	FGG
Alternative Name:	FGG (FGG Products)
Background:	FGG is the gamma component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations

Target Details

	in its gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia.The protein encoded by this gene is the gamma component of fibrinogen, a blood-borne glycoprotein comprised of three pairs of nonidentical polypeptide chains. Following vascular injury, fibrinogen is cleaved by thrombin to form fibrin which is the most abundant component of blood clots. In addition, various cleavage products of fibrinogen and fibrin regulate cell adhesion and spreading, display vasoconstrictor and chemotactic activities, and are mitogens for several cell types. Mutations in this gene lead to several disorders, including dysfibrinogenemia, hypofibrinogenemia and thrombophilia. Alternative splicing results in two transcript variants encoding different isoforms.
Molecular Weight:	46 kDa, 52 kDa
Gene ID:	2266
NCBI Accession:	NP_000500
UniProt:	Q53Y18

Application Details

Application Notes:	FGG antibody can be used for detection of FGG by ELISA at 1:312500. FGG antibody can be used for detection of FGG by western blot at 2.5 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

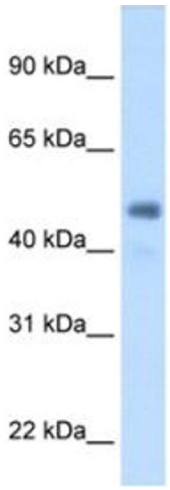
Handling

Format:	Liquid
Reconstitution:	Add 100 ?L of distilled water. Final antibody concentration is 1 mg/mL.
Concentration:	Lot specific
Buffer:	1x PBS buffer with 0.09% sodium azide and 2% sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	As with any antibody avoid repeat freeze-thaw cycles.
Storage:	4 °C/-20 °C

Handling

Storage Comment:	For short periods of storage (days) store at 4 °C. For longer periods of storage, store FGG antibody at -20 °C.

Images



Western Blotting

Image 1.